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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/615,150	07/08/2003	Oleg S. Fishman	1946-004 US	8234
31855	7590	03/23/2006	EXAMINER	
PHILIP O. POST INDEL, INC. PO BOX 157 RANCOCAS, NJ 08073			VAN, QUANG T	
			ART UNIT	PAPER NUMBER
			3742	

DATE MAILED: 03/23/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/615,150	Applicant(s) FISHMAN ET AL.	
	Examiner Quang T. Van	Art Unit 3742	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 30 January 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 17 and 19-29 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 20-29 is/are allowed.
- 6) ☒ Claim(s) 17 and 19 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 07 September 2005 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claim 17 is rejected under 35 U.S.C. 102(b) as being anticipated by Bennett et al (US 4,413,406). Bennett discloses, figure 1, a processing amorphous metal into packets by bonding with low melting point material comprising the steps of placing the bond metal sheet (12) adjacent to the base metal sheet (12) to form an adjacently disposed base-bond sheet (26); and inductively heating the adjacently disposed base-bond sheet (26) by passing the base-bond sheet (26) through one or more induction coils (29) to form a bonded sheet.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claim 19 is rejected under 35 U.S.C. 103(a) as being unpatentable over Chapman (US 2367715) in view of Bennett et al (US 4,413,406). Chapman discloses, figure 6, a method and apparatus for bonding two metal sheets comprising the step of placing a bond metal sheet (85) adjacent to a base metal sheet (83) comprising a substantially electrically conductive composition to form an adjacently disposed base-

bond sheet; inductively heating the base metal sheet (83) by passing the adjacently disposed base-bond sheet (85) through one or more induction coils (41, 42, 43); melting the bond metal sheet (85) from the heat of the inductively heated base metal sheet(83) to bond the bond metal sheet (85) to the base metal sheet (83) to form a bonded base-bond sheet. However, Chapman does not disclose the step of cutting the one or more bonded products from the bonded base-bond sheet. Bennett discloses the step of cutting the one or more bonded products from the bonded base-bond sheet (col. 4, lines 3-13. It would have been obvious to one having ordinary skill in the art at the time the invention was made to utilize in Chapman the step of cutting the one or more bonded products from the bonded base-bond sheet as taught by Bennett in order to have a predetermined length suitable for specific use.

5. Claims 20-29 are allowed.

6. The following is a statement of reasons for the indication of allowable subject matter: the prior art of record does not show or suggest combination of a means for bringing the first bond sheet of the first adjacently disposed base-bond sheet adjacent to the second bond sheet of the second adjacently disposed base-bond sheet to form a back-to-back layered sheeting arrangement; and one or more induction coils through which the back-to-back layered sheeting arrangement passes to inductively heat at least the first and the second base sheets to bond the first bond sheet to the first base sheet and form a first bonded sheet, and to bond the second bond sheet to the second base sheet to form a second bonded sheet as recited in claims 20-29.

Response to Amendment

7. Applicant's arguments filed 1/30/2006 have been fully considered but they are not persuasive.

Applicant argues that claim 17 is not anticipated by Bennett because Bennett including the deposit (24) to bond to the adjacent metal sheet (12). It is not persuasive. Bennett discloses, figure 1, the steps of placing the bond metal sheet (12) adjacent to the base metal sheet (12) to form an adjacently disposed base-bond sheet (26); and inductively heating the adjacently disposed base-bond sheet (26) by passing the base-bond sheet (26) through one or more induction coils (29) to form a bonded sheet. Bennett meets all claimed limitations; therefore, claim 17 is still anticipated by Bennett. Further, it must be noted that Bennett's reference discloses the invention as claimed. The fact that they disclose additional structure not claimed is irrelevant.

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Quang T. Van whose telephone number is 571-272-4789. The examiner can normally be reached on 8:00Am 7:00Pm M-Th.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robin Evans can be reached on 571-272-4777. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



QV

March 14, 2006



Quang T Van
Primary Examiner
Art Unit 3742